

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 3:53 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 387 Const Calendar Day: 105 Date: 17-Sep-2012 Monday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 08:30 AM 07:00 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather****Temperature 7 AM 12 PM 4PM****Precipitation Condition**Working Day ☒ If no, explain:**Diary:**

Dispute

Phase 1 Load Transfer

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Phase-1 load transfer (LT) step 3c-Adj was completed (started Saturday)
- Phase-1 load transfer (LT) step 3d-Adj was completed
- Phase-1 load transfer (LT) step 3e-Adj was completed
- Phase-1 load transfer (LT) step 3f-Adj was started
- Re-tensioning of cable band (CB) bolts

Today I was inspecting the LT suspender jacking operation on the South cable. They had 3 crews jacking on the South cable today. See the diaries of Laraine Woo, Sami Daouk, P. Jalali, & A. Sayadi for additional details for the South cable suspender jacking as they were also inspecting this work. See the diary of others for information on the North cable suspender jacking & cable band bolt tensioning.

- I arrived at the pier 7 office at 08:30. I was asked to stagger my shift to a later start time to cover longer shifts by the contractor.
- From 08:30 until 09:00, I spoke with Bill Shedd & Grady Hart regarding the safety issue on the OBG east end welding from Saturday.
- At 09:10, I arrived on the bridge. At this time, jacking on the LT step 3c-Adj suspenders on the South cable was ongoing.
- Throughout the entire shift, 3 crews were jacking on the suspenders on the South cable.
- From 09:10 until 10:00, I helped with inspection of the suspender jacking.
- At 09:20, LT step 3a-Adj was completed.
- From 09:20 until 13:40, jacking on the LT step 3d-Adj suspenders on the South cable was ongoing.
- From 10:00 until 10:30, the suspender jacking work was slow, & others were inspecting the work. During this time, I walked the South main-span to check to see if any of the phase-1 LT suspenders had shifted. All of the phase-1 LT suspenders still had their center marks aligned with the CB top groove.
- From 10:30 until 11:00, I helped with inspection of the suspender jacking, mostly taking remaining jacking length (RJL) measurements while others watched the jack pressures.
- From 11:00 until 11:30, the suspender jacking work was slow, & others were inspecting the work. During this time, I walked the South side-span to check to see if any of the phase-1 LT suspenders had shifted. All of the phase-1 LT suspenders still had their center marks aligned with the CB top groove.
- From 11:30 until the end of the shift, I inspected the suspender jacking on the South cable.
- From 13:40 until 16:20, jacking on the LT step 3e-Adj suspenders on the South cable was ongoing.
- From 16:20 until the end of the shift, jacking on the LT step 3f-Adj suspenders on the South cable was ongoing. They completed PPs 10S, 14S, 18S, 22S, & 102S.
- At 17:10, the crews wrapped up their tools to end the shift.



Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Wright, Doug

Diary #: 387

Date: 17-Sep-2012 **Monday**

- From 17:10 until 17:30, I finished making the last of the RJL measurements.
- From 17:30 until 17:45, I checked the paperwork on the South cable to make sure that each of the inspectors had recorded all of the jacking pressures from today.
- At 17:50, I left the bridge.
- Note: Each time Gary's crew was jacking on any suspenders, we observed the pressure gauge to ensure that they stayed within the do-not-exceed (DNE) pressure. The maximum suspender jacking pressure observed today was 6500 psi (at PP90S), which was well within the DNE of 9069 psi.
- Note: After the suspender jacking, we did spot check measuring of the remaining jacking length (RJL) to make sure they were in accordance with the LT plan submittal. Each of the RJL measurements was close to the theoretical numbers in the LT plan submittal.
- From 18:00 until 18:30, I spoke with Roman Granados regarding the status of field work.
- From 18:30 until 19:00, I wrote my diary for the day & checked email.
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